

AMENDMENT TO CLAIMS

Please accept the following amendments to the claims:

1. (Currently Amended) A method for blocking SMS (Short Message Service) spam messages in an SMS server, comprising the steps of:

a); when an SMS message and its corresponding SMS message phone number to be transmitted to a subscriber of a mobile ~~wireless~~ communication terminal is received from a base station, determining if ~~checking whether~~ a spam blocking option is set;

b); if the spam blocking option is set, ~~when the checked result of step a) is affirmative,~~ gaining access to a spam-blocking information database, and searching for a the SMS message phone number corresponding to the received message to determine if check whether the SMS message phone number corresponds to a phone number is registered in the spam-blocking information database; and

c); if the SMS message phone number is registered in the spam-blocking information database, ~~when the checked result of step b) is affirmative,~~ finishing ending the procedure for the received message without performing message processing for SMS services on the received message, ~~so that SMS spam messages are blocked from being transferred to the terminal's subscriber.~~

2. (Currently Amended) A method for blocking SMS (Short Message Service) spam messages in an SMS server, comprising the steps of:

a); when an SMS message to be transmitted to a subscriber of a mobile ~~wireless~~ communication terminal is received from a base station, determining if ~~checking whether~~ a spam blocking option is set;

b); if the spam blocking option is set, ~~when the checked result of step a) is affirmative,~~ ~~checking whether~~ determining if the received message includes a predetermined word ~~implying a~~

~~spam message~~, said predetermined word being prestored in a spam-blocking information database; and

c); ~~when the checked result of step b) is affirmative, finishing if the received message includes a predetermined word, ending the procedure for the received message without performing message processing for SMS services on the received message, so that SMS spam messages are blocked from being transferred to the terminal's subscriber.~~

3. (Currently Amended) A method for blocking spam messages in a mobile ~~wireless~~ communication terminal, comprising the steps of:

a); when an SMS message is received, ~~gaining access to~~ accessing a database of previously-registered, spam-blocking information to determine if ~~check whether~~ the received message is an SMS spam message; and

b); when it is determined that the received message is a spam message ~~the checked result of step a) is affirmative~~, controlling the terminal so as not to notify receipt of the message.

4. (Currently Amended) The method as set forth in claim 3, further comprising the step of:

c) ~~checking whether~~ determining if a spam message is set to be stored, after blocking the message-receipt notification, and storing the received SMS spam message if it is determined that the spam message is to be stored ~~this checked result is affirmative~~.

5. (Currently Amended) The method as set forth in claim 3, wherein a phone number of an SMS spam-message sender is registered in the spam-blocking information database, and ~~said~~ step a) further includes ~~including~~ the step of:

a-1) detecting an SMS message ~~sender~~ phone number from the received SMS message, and determining if ~~comparing~~ the sender SMS message phone number is ~~with one~~ registered in the spam-blocking information database, ~~so as to check whether the received SMS message is an~~

SMS spam message.

6. (Currently Amended) The method as set forth in claim 3, wherein a predetermined word ~~implying an SMS spam message~~ is registered in the spam-blocking information database, and said step a) further includes ~~including~~ the step of:

a-2) ~~checking whether~~ determining if the registered predetermined word is included in the received SMS message.

7. (Currently Amended) The method as set forth in claim 3, wherein a phone number of an SMS spam message sender and a predetermined word implying an SMS spam message are registered in the spam-blocking information database, and said step a) further includes ~~including~~ the steps of:

a-1) detecting ~~a sender~~ an SMS message phone number from the received SMS message, and ~~comparing~~ determining if the sender SMS message phone number ~~is with one~~ registered in the spam-blocking information database, ~~so as to check whether the received SMS message is an SMS spam message;~~ and

a-2) ~~checking whether~~ determining if the registered predetermined word is included in the received SMS message.

8. (Currently Amended) The method as set forth in claim 3, further comprising the step of:

d) reading a previously stored warning message, ~~previously stored in the database,~~ from the database, and transmitting the previously stored warning message ~~it~~ to a call back number detected from the SMS message.